

Abstract:

Method for Compensating Temperature in a Tire Pressure Monitoring System

The invention discloses a method for compensating temperature in a system for tire pressure monitoring which is especially implemented by detecting a tire pressure and/or by detecting a tire pressure loss. The method is especially characterized in that the temperature is compensated by determining the gas temperature in the tire by way of at least two items of temperature information and by taking the determined temperature as a basis for said tire inflation monitoring. One significant advantage of this method involves that externally active temperature changes, such as a heat-emitting brake disc causing the wheel rim of the tire and, hence, also a temperature sensor arranged thereat to be heated more intensely than the gas in the tire, do not lead to an indication error with respect to the tire pressure (or a spurious alarm).

(Figure 1)